WSDOT's New Project Management and Reporting System

What Should the Construction Industry Expect?

Cathy Hastie
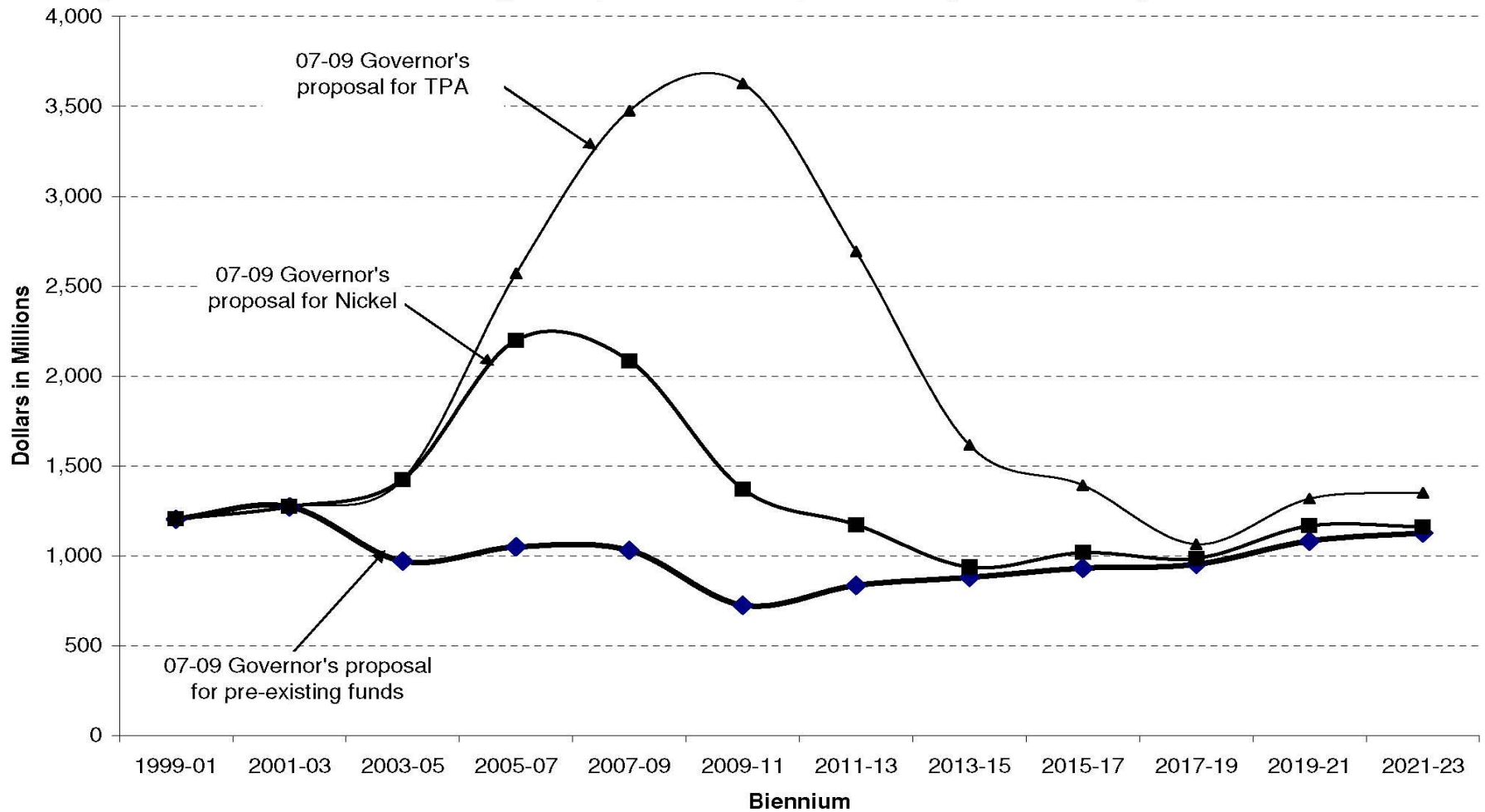Board of Directors,
AGC Oregon-Columbia Chapter

Washington DOT's Expanded Program

- Major Gas Tax Funding Packages Passed
  - 2003 Nickel Tax ($.05)
  - 2005 Transportation Partnership Act ($.095)

- $15 Billion Budget, Next 15 Years

- Triple Previous Spending Levels

Highway Construction
07-09 Governor's Proposed Budget - 12/06

Includes Preservation and Improvement Programs with two exceptions
Excludes expenditures for the Tacoma Narows Bridge and expenditures in the Improvement Program reimbursed by Sound Transit

07-09 Governor's proposal for TPA

07-09 Governor's proposal for Nickel

07-09 Governor's proposal for pre-existing funds

Dollars in Millions

Biennium

2007-2011 – Peak Spending

Legislative Requirements

- Leverage Internal and External Resources

- Improve Project Delivery

- Develop Strategic Delivery Plan for Unprecedented Program

- WSDOT Steering & Executive Committees Oversee SPMG Process

Project Management & Reporting Software (PMRS) Software Suite

- Primavera Scheduler (P5 - P6)

- Primavera Contract Manager (Expedition)

- Ares Cost Management (Prism)

- Construction Estimating (WinEst)

- Enterprise Content Management (Open Text/LiveLink)

- Electronic Forms (Adobe/E-forms)

Best Management Practices

- Contractors may be required to perform to new WSDOT standards, which may include:
  - Critical Path Method Scheduling
  - Earned Value
  - Project Performance Indexing
  - Electronic Signatures

Technology in the Field

- Ruggedized Laptops

- Quicker Approvals

- Creation of Forms from the Field

Candidate Electronic Forms

- Inspector's Daily Report
- Project Change Order
- Pay Notes
- Transmittal
- Shop Drawing Review and Approval
- Field Note Record

Overall Benefits of Program

- Performance Data Rolled Up to Any Level
  - Phase
  - Project
  - Corridor
  - Region
  - Mode (Highway)
  - Statewide (Includes Ferries, Rail, etc.)

- Improved Ability to Track Project Costs and Schedules

Benefits to Contractors

- Consistent Management and Reporting Practices Statewide

- Construction Industry Standard Tools, Practices and Reporting Methods

- More Efficient Delivery of Projects

- Quicker Turn-Around on Decisions

Drawbacks for Contractors

- Required to Interface with New Tools and Perform to New Standards

- May Need to Procure Software and Train Staff

PMRS Timeline

- Stand alone COTS deployment 2007-2009

- ECM Pilot Projects in 2008 & 2009 May Require Contractor to Use New Tools

- All Tools Integrated by January, 2010

- Business Processes and Organizational Improvements Implemented Concurrently

Questions?

- Please call or email if you have any questions:

  Cathy Hastie

  hastiec@wsdot.wa.gov

  360-905-2025